

Abstract of the Disclosure

BELT DAMPER

A belt damper for a gear train is provided. An endless belt is wrapped around pulleys mounted to an idler gear and an output gear. The pulleys are mounted to splined shafts which are axially aligned with and connected to splined gear shafts on which the idler and output gears are mounted. Pressurized lubricant is supplied to both splined connections. The combination of the lubricant in the spline connections and the damping effect of the belt provides for an effective damping system. A tension device may also be applied to vary tension imposed on the belt.